# Electrolux Dishwashing

# Rack Type WTM165

The Electrolux Dishwashing range is produced for customers with the highest conceivable demands for good efficiency, economy and ergonomics for dishwashing operation. The product range comprises glasswashers, undercounter dishwashers, hood type dishwashers, rack type dishwashers, flight type dishwashers and pot and pan washers. The rack type dishwasher range is designed to be easily connected with the equipment included in the Electrolux Handling System range, to create a functional and ergonomic dishwashing area. The rack type dishwasher WTM165 has a capacity up to 165 racks per hour with 2 speeds (variable on-site). The range consists of 6 electrically or stam heated models, available with or without Energy Saving Device (ESD).



534107

EASY TO INSTALL
- Solid 3mm square stainless steel sub-frame with bolt-together construction that can be delivered assembled or in modules to be connected on site.
- Stainless steel wash pumps ideal for heavy duty usage installations.
- Brass inlet valves as standard for extra reliability at high incoming water temperatures.
- All rear positioned water tubes in stainless steel.
- Only one cable for electrical connection.
- Electrical and water connections centralised in one area.
- Service from the front and from the side.
- Pre-arrangements for automatic detergent dispenser, energy management device and HACCP implementation (both basic as well as integrated system).

FUNCTIONAL ZONES
- Power wash zone where all the soil is removed with maximum water contact wash arms for best possible washing result.
- Separate wash and rinse zones so detergent does not mix with the rinse aid and is always active.
- Rinse area equipped with the DUO-rinse system where the first ramp is filled by the re-used final rinse water, to eliminate any trace of detergent, and the second ramp is filled by hot fresh water to guarantee sanitation of the items.
- Atmospheric boiler combined with the rinse booster pump for perfect rinsing performances in terms of sanitation, energy saving, independence from the water pressure on the network. Incorporates non-return (air gap class A) valve.
- As optional extra the WTM165 can be equipped with a drying zone for fast and efficient drying.

EASY TO CLEAN AND MAINTAIN
- The rinse and wash tank are pressed with completely rounded corners and sloping base to facilitate cleaning.
- WTM165 has smooth surfaces. 304 AISI stainless steel front and side panels, strainers and wash and rinse arms.

- Wash arms and double tank filter (flat and deep box) easy to remove.
- Height adjustable stainless steel feet.
- All models finished in top quality materials with double skinned construction to aid durability and reduce noise.
- Self-draining wash pumps provide maximum hygiene.
- Hinged flap for easy access to the energy saving condenser unit.
- Large balanced inspection doors for easy access to wash area.
- Self-cleaning cycle in washing and rinse zones.

EASY TO USE
- Automatic start/stop function.
- Advanced electric control panel with sound signals and visual display.
- Counter balanced door with safety switch and easy to grip handle.
- Built-in rinse water heater to increase the temperature of the final rinse water.
- Electronic control panel with autodiagnostic check control.

EASY ON THE ENVIRONMENT
- 35mm thickness foam injection insulated doors to reduce noise and reduce heat dispersion.
- Available with version equipped with Energy Saving Device (ESD) to pre-heat the incoming cold water and to save up to 12kW of energy. ESD incorporates a condenser unit to decrease temperature and humidity of the outlet hot steam.
- 98% recyclable by weight.
- CFC free packaging.
- Low noise level <70dBA.
- Developed and produced in ISO 9001 and ISO 14001 certified factory.

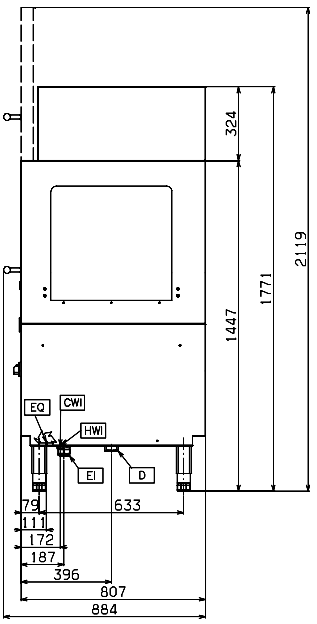
| | **WTM165ERA 534104** | **WTM165ELA 534105** | **WTM165ERB 534106** | **WTM165ELB 534107** | **WTM165SRA 534126** | **WTM165SLA 534127** |
|---|---|---|---|---|---|---|
| **TECHNICAL DATA** | | | | | | |
| Model | Electronic - A | Electronic - A | Electronic - B | Electronic - B | Electronic - A | Electronic - A |
| Power supply | Electric | Electric | Electric | Electric | Steam & Electric | Steam & Electric |
| Feeding direction | from RH to LH | from LH to RH | from RH to LH | from LH to RH | from RH to LH | from LH to RH |
| Energy Saving Device incl. cond. unit | ● | ● | | | ● | ● |
| Water supply | | | | | | |
| pressure min. , max. - bar | 1.5, 7 | 1.5, 7 | 1.5, 7 | 1.5, 7 | 1.5, 7 | 1.5, 7 |
| hot water inlet °C | 50 | 50 | 50 | 50 | 50 | 50 |
| cold water inlet °C | 15 | 15 | | | 15 | 15 |
| Capacity dishes/h 1st/2nd speed | 2970, 1620 | 2970, 1620 | 2970, 1620 | 2970, 1620 | 2970, 1620 | 2970, 1620 |
| Capacity baskets/h 1st/2nd speed | 165, 90 | 165, 90 | 165, 90 | 165, 90 | 165, 90 | 165, 90 |
| Air emission - m³/h | 180 | 180 | | | 180 | 180 |
| Insulation | ● | ● | ● | ● | ● | ● |
| External dimensions - mm | | | | | | |
| width | 2098 | 2098 | 2098 | 2098 | 2098 | 2098 |
| depth | 884 | 884 | 884 | 884 | 884 | 884 |
| height/with open door | 1771, 2119 | 1771, 2119 | 1771, 2119 | 1771, 2119 | 1771, 2119 | 1771, 2119 |
| 1st wash | | | | | | |
| temperature - °C | 55-65 | 55-65 | 55-65 | 55-65 | 55-65 | 55-65 |
| tank capacity - lt. | 150 | 150 | 150 | 150 | 150 | 150 |
| pump power - kW | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Duo rinse | | | | | | |
| temperature - °C | 60-70 | 60-70 | 60-70 | 60-70 | 60-70 | 60-70 |
| tank capacity - lt. | 23 | 23 | 23 | 23 | 23 | 23 |
| pump power - kW | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 |
| Rinsing | | | | | | |
| temperature - °C | 84 | 84 | 84 | 84 | 84 | 84 |
| boiler capacity - lt. | 12 | 12 | 12 | 12 | 12 | 12 |
| boiler power - kW | 16.5 | 16.5 | 16.5 | 16.5 | | |
| water flow - liters/hr | 300 | 300 | 300 | 300 | 300 | 300 |
| Steam supply | | | | | | |
| relative dynamic pressure bar - min/max | | | | | 1.5, 3 | 1.5, 3 |
| Steam consumption peak - Kg/h | | | | | 92 | 92 |
| Total installed power - kW | 31.5 | 31.5 | 31.5 | 31.5 | 7.5 | 7.5 |
| Net weight - kg. | 442 | 442 | 400 | 400 | 442 | 442 |
| **ACCESSORIES** | | | | | | |
| 12 S/S PLUGS FOR WASH.ARMS-MODUL/COMP.RT | 864239 | 864239 | 864239 | 864239 | 864239 | 864239 |
| BASKET FOR 5 HALF INSULATED TRAYS-RED | 867005 | 867005 | 867005 | 867005 | 867005 | 867005 |
| DRAIN KIT FOR MODULAR+COMPACT RACK TYPE | 864150 | 864150 | 864150 | 864150 | 864150 | 864150 |
| EL. DRY. TUNNEL-CORNER-RIGHT-MODULAR RT | 864512 | | 864512 | | | |
| EL. DRYING TUNNEL-CORNER-LEFT-MODULAR RT | | 864513 | | 864513 | | |
| EL. DRYING TUNNEL-EL.MODULAR RT-L>R-600 | | 864511 | | 864511 | | |
| EL. DRYING TUNNEL-EL.MODULAR RT-L>R-900 | | 864501 | | 864501 | | |
| EL. DRYING TUNNEL-EL.MODULAR RT-R>L-600 | 864510 | | 864510 | | | |
| EL. DRYING TUNNEL-EL.MODULAR RT-R>L-900 | 864500 | | 864500 | | | |
| KIT 6 BASKETS FOR 1-TANK RACK TYPE DW | 867050 | 867050 | 867050 | 867050 | 867050 | 867050 |
| KIT 9 BASKETS FOR 1-TANK RACK TYPE DW | 867051 | 867051 | 867051 | 867051 | 867051 | 867051 |
| KIT SILASTIC CURTAINS FOR RACK TYPE DW | 864245 | 864245 | 864245 | 864245 | 864245 | 864245 |
| SPLASH HOOD-MODULAR RACK T.-LOADING SIDE | 865177 | 865177 | 865177 | 865177 | 865177 | 865177 |
| STEAM DRYING TUNNEL-MODULAR RT-L>R-900 | | | | | | 864515 |
| STEAM DRYING TUNNEL-MODULAR RT-R>L-900 | | | | | 864514 | |

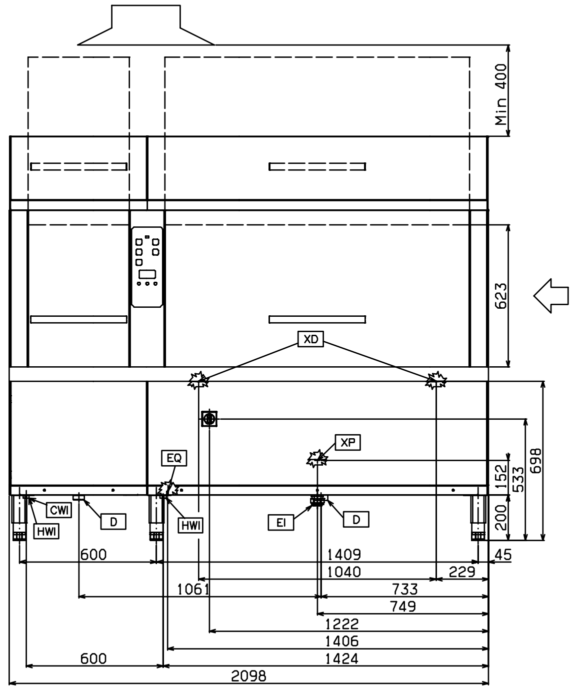
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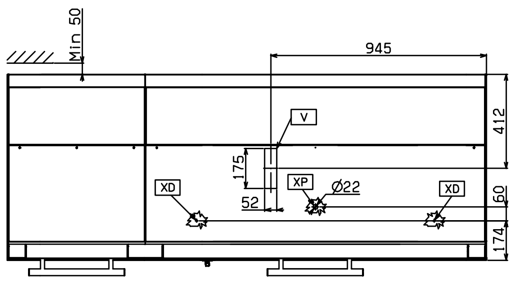
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**Electrolux Dishwashing**
**Rack Type WTM165**

534104, 534106




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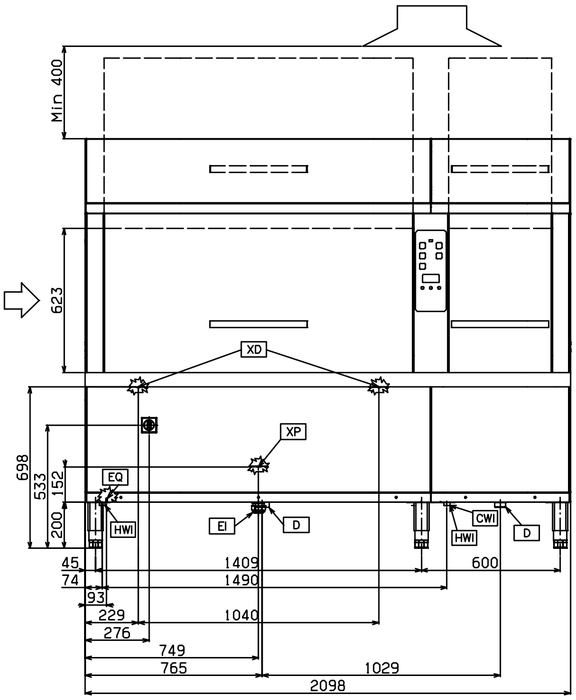
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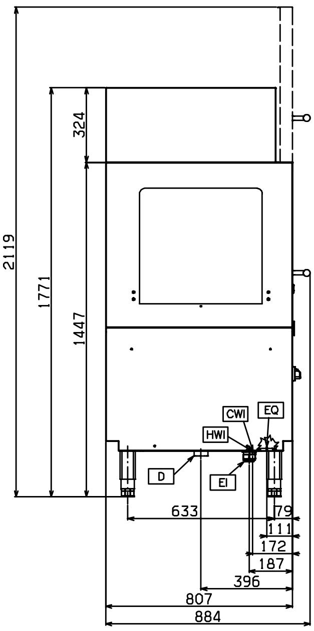
| LEGEND | WTM165ERA<br>534104 | WTM165ERB<br>534106 |
|---|---|---|
| CWI - Cold water inlet | G 3/4" | |
| D - Water drain | G 1 1/2" | G 1 1/2" |
| EI - Electrical connection | 400 V, 3N, 50 | 400 V, 3N, 50 |
| EQ - Equipotential screw | ● | ● |
| HWI - Hot water inlet | G 3/4" | G 3/4" |
| V - Condensation outlet | ● | |
| XP - Connection for detergent dispenser | ● | ● |
| XP - Connection for detergent probe | ● | ● |

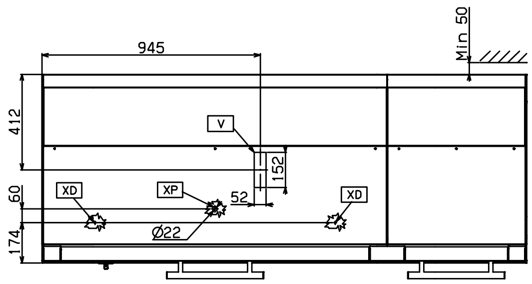
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**Electrolux Dishwashing**
**Rack Type WTM165**

534105, 534107




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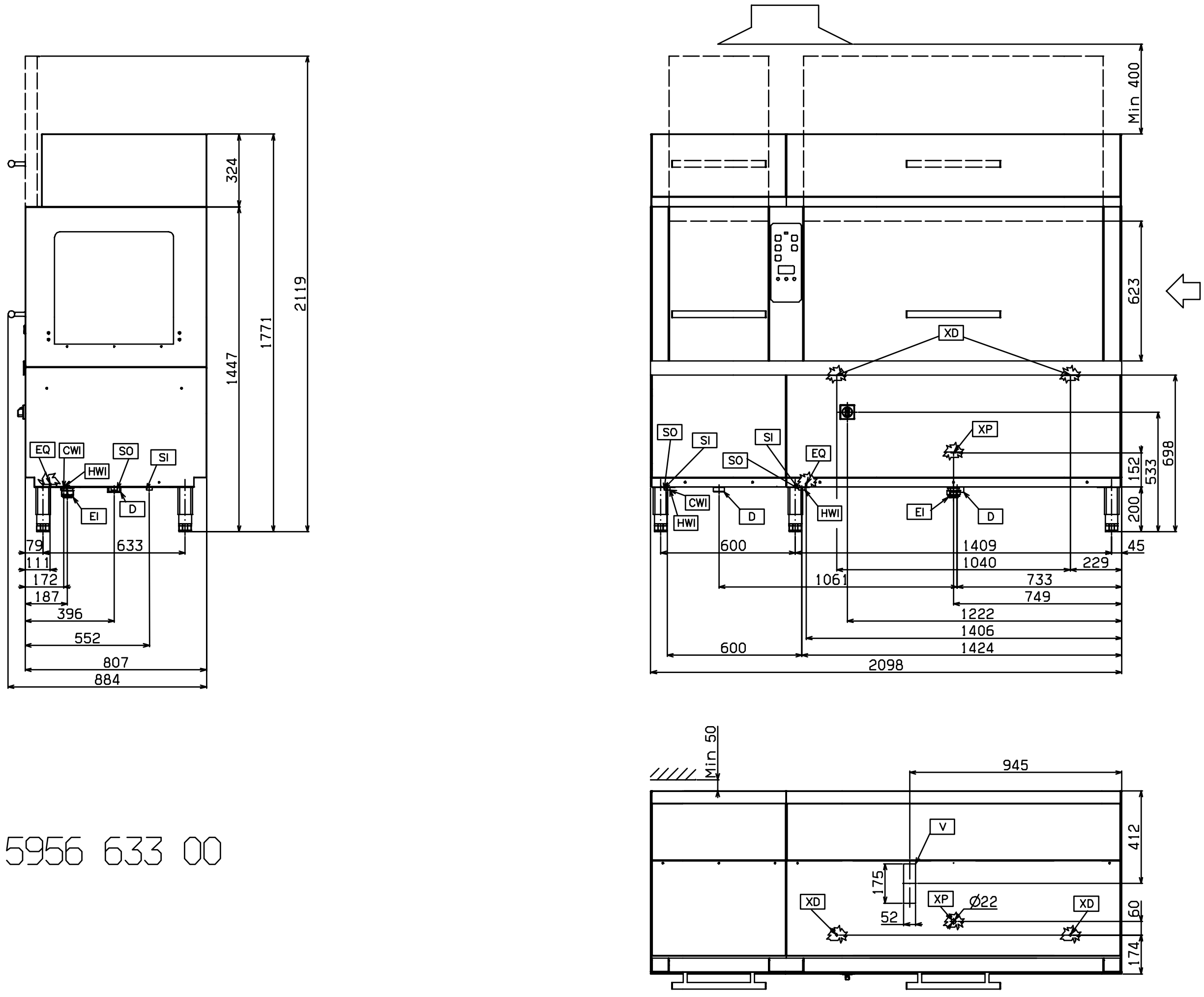
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| LEGEND | WTM165ELA<br>534105 | WTM165ELB<br>534107 |
|---|---|---|
| CWI - Cold water inlet | G 3/4" | |
| D - Water drain | G 1 1/2" | G 1 1/2" |
| EI - Electrical connection | 400 V, 3N, 50 | 400 V, 3N, 50 |
| EQ - Equipotential screw | ● | ● |
| HWI - Hot water inlet | G 3/4" | G 3/4" |
| V - Condensation outlet | ● | |
| XP - Connection for detergent dispenser | ● | ● |
| XP - Connection for detergent probe | ● | ● |

Subject to change without notice

**Electrolux Dishwashing**
**Rack Type WTM165**

534126




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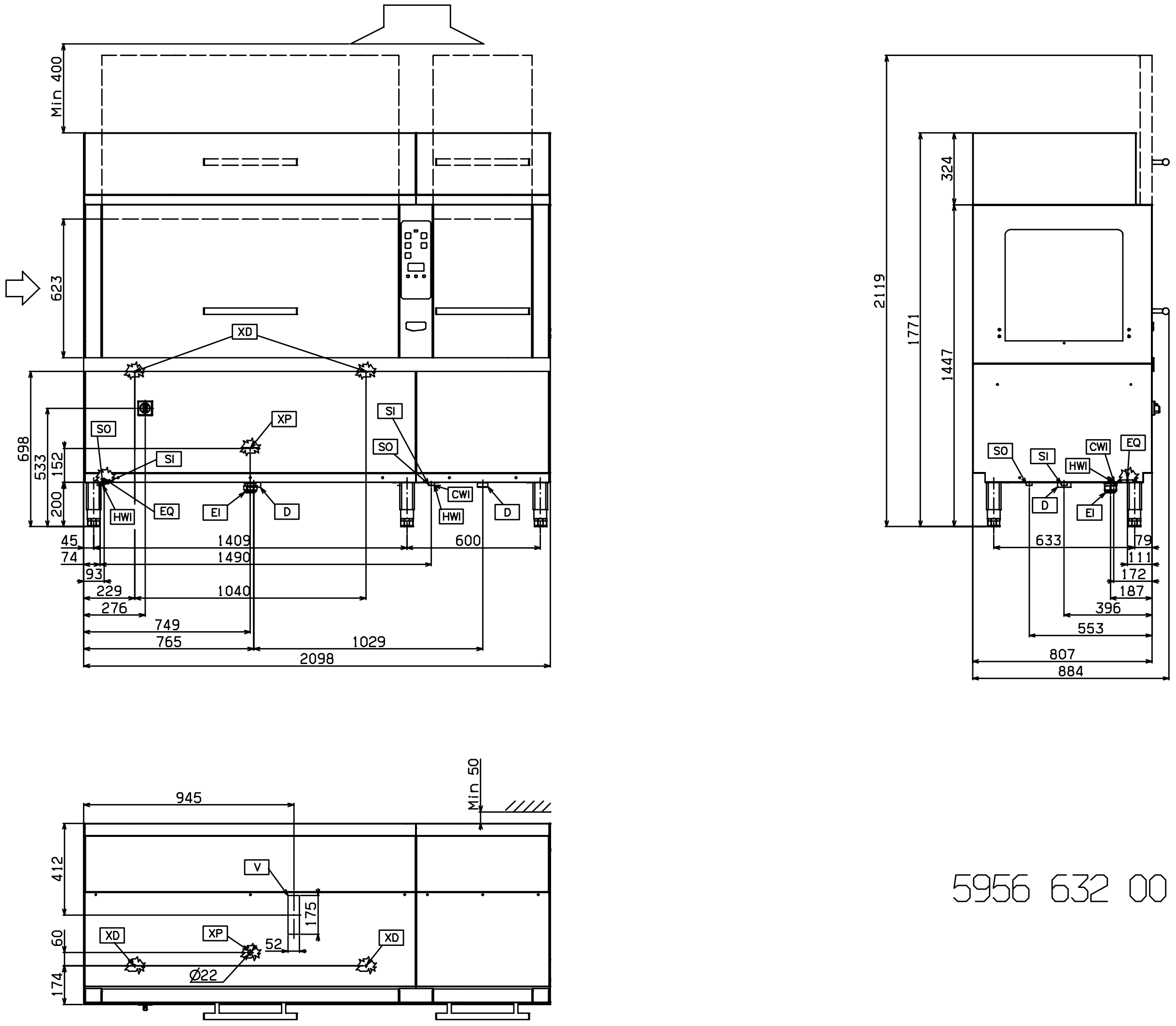
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| LEGEND | WTM165SRA 534126 |
|---|---|
| CWI - Cold water inlet | G 3/4" |
| D - Water drain | G 1 1/2" |
| EI - Electrical connection | 400 V, 3N, 50 |
| EQ - Equipotential screw | ● |
| HWI - Hot water inlet | G 3/4" |
| SI - Steam inlet | ISO-G 3/4" F |
| SO - Steam condenser | ISO-G 3/4" F |
| V - Condensation outlet | ● |
| XP - Connection for detergent dispenser | ● |
| XP - Connection for detergent probe | ● |

**Electrolux Dishwashing**
**Rack Type WTM165**

534127




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| LEGEND | WTM165SLA 534127 |
|---|---|
| CWI - Cold water inlet | G 3/4" |
| D - Water drain | G 1 1/2" |
| EI - Electrical connection | 400 V, 3N, 50 |
| EQ - Equipotential screw | ● |
| HWI - Hot water inlet | G 3/4" |
| SI - Steam inlet | ISO-G 3/4" F |
| SO - Steam condenser | ISO-G 3/4" F |
| V - Condensation outlet | ● |
| XP - Connection for detergent dispenser | ● |
| XP - Connection for detergent probe | ● |

Subject to change without notice